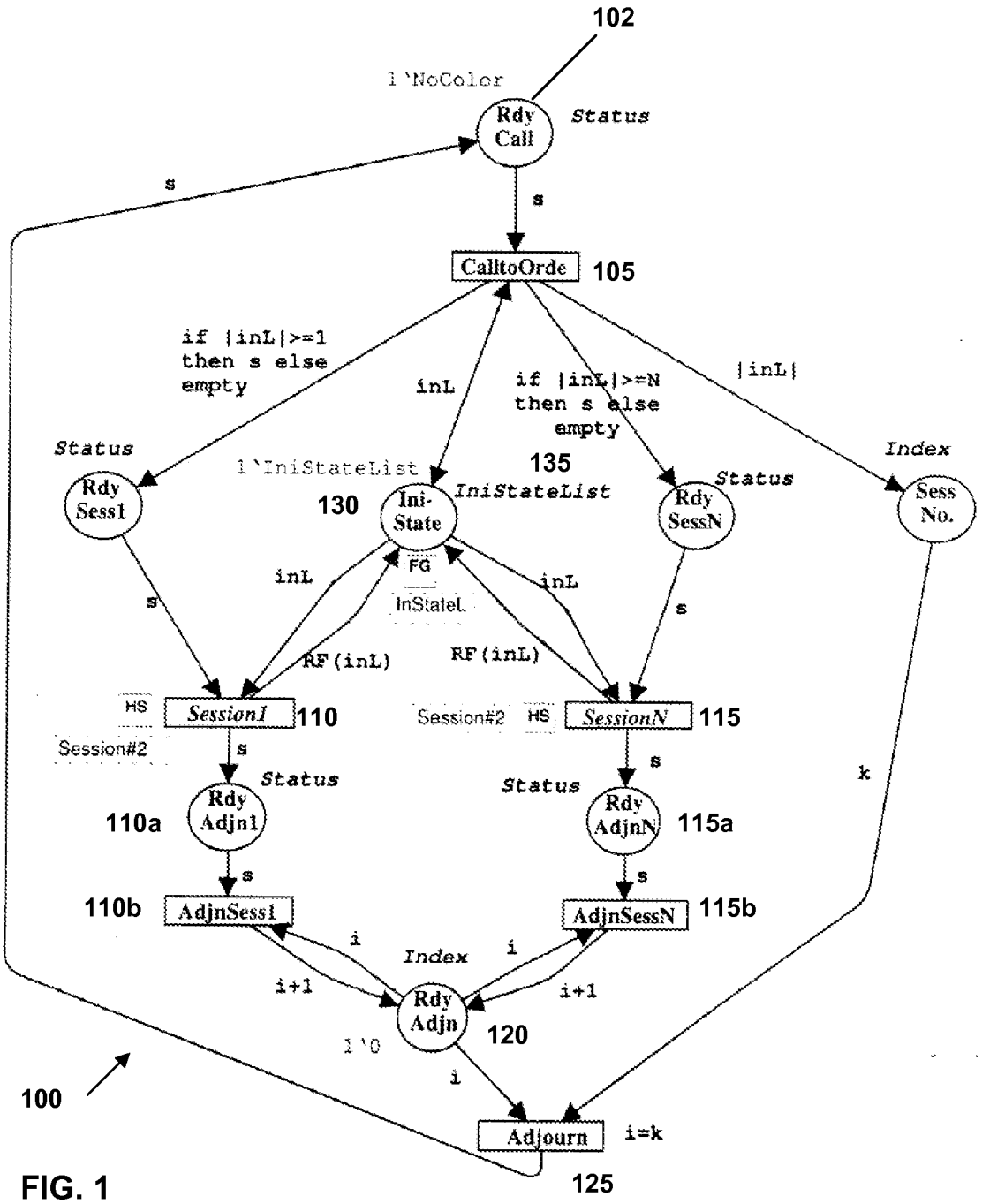
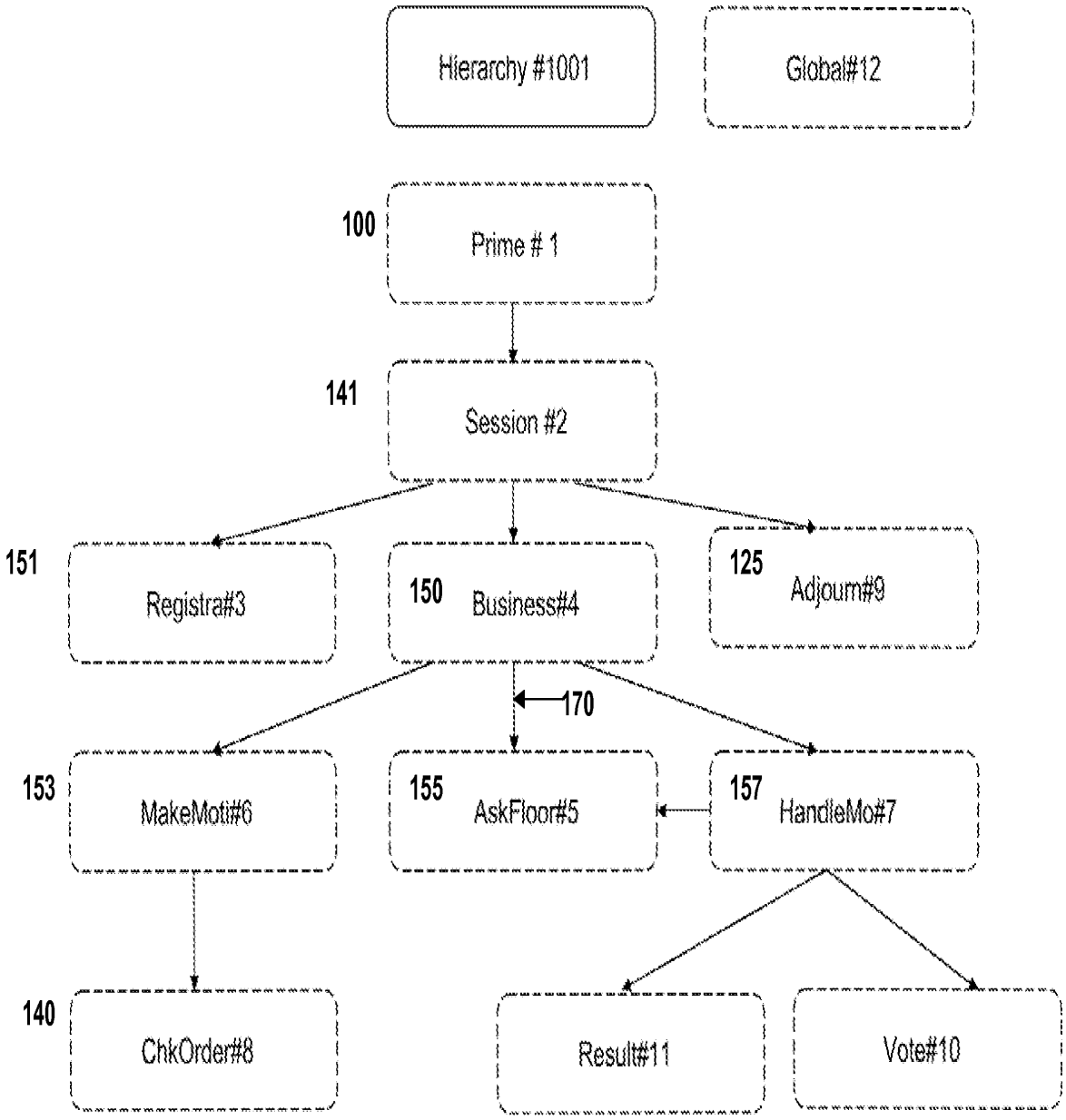


FIG. 1

The main model (prime page) of RRO



Page Hierarchy of the RRO Model Fig.2

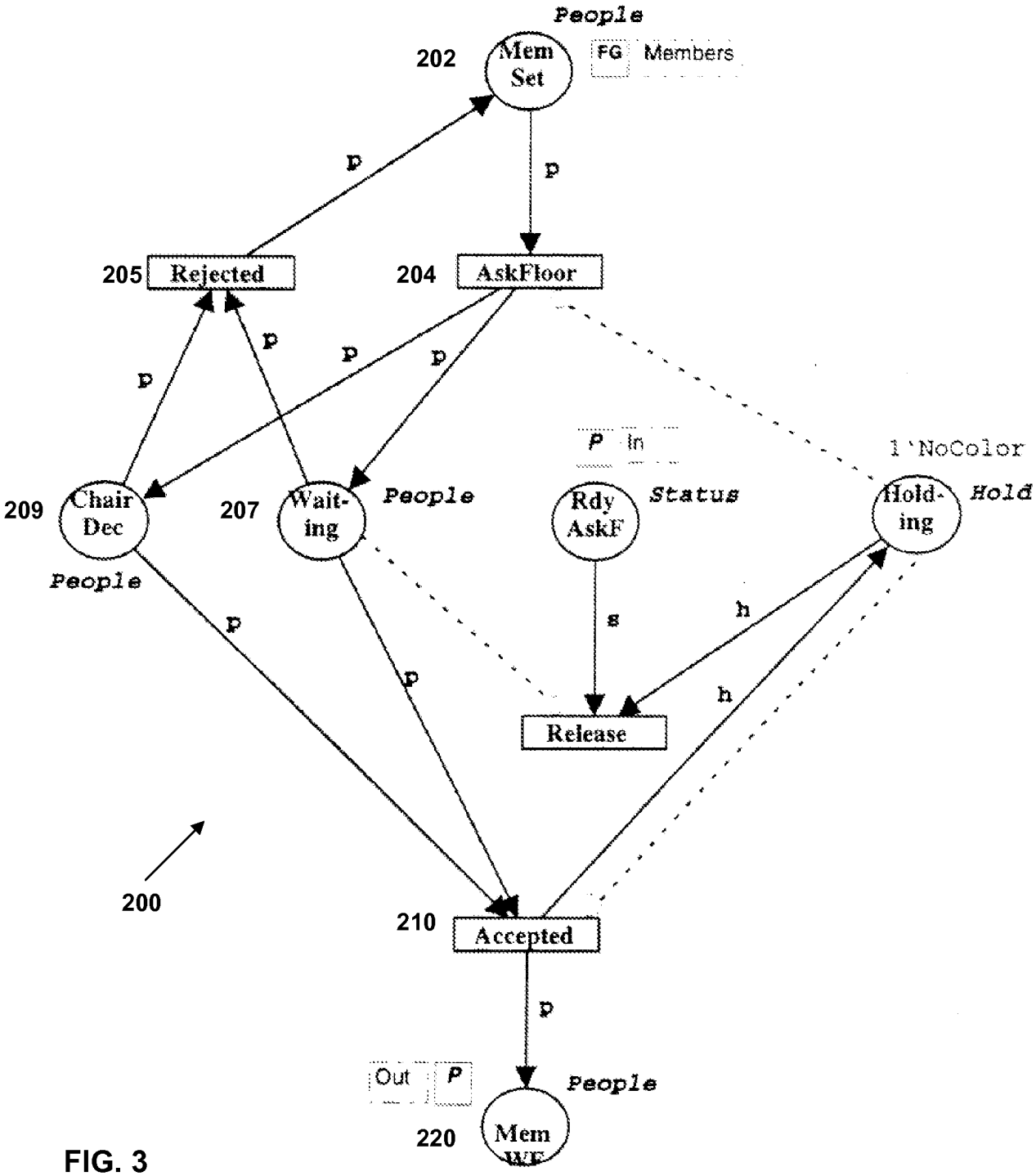

People
202
Mem Set
FG Members
p
p
205
Rejected
204
AskFloor
p
p
p
p
P In
1`NoColor
209
Chair Dec
People
207
Wait-ing
People
Rdy AskF
Status
Hold-ing
Hold
p
p
s
h
h
Release
200
210
Accepted
p
Out P
People
220
Mem WF

FIG. 3

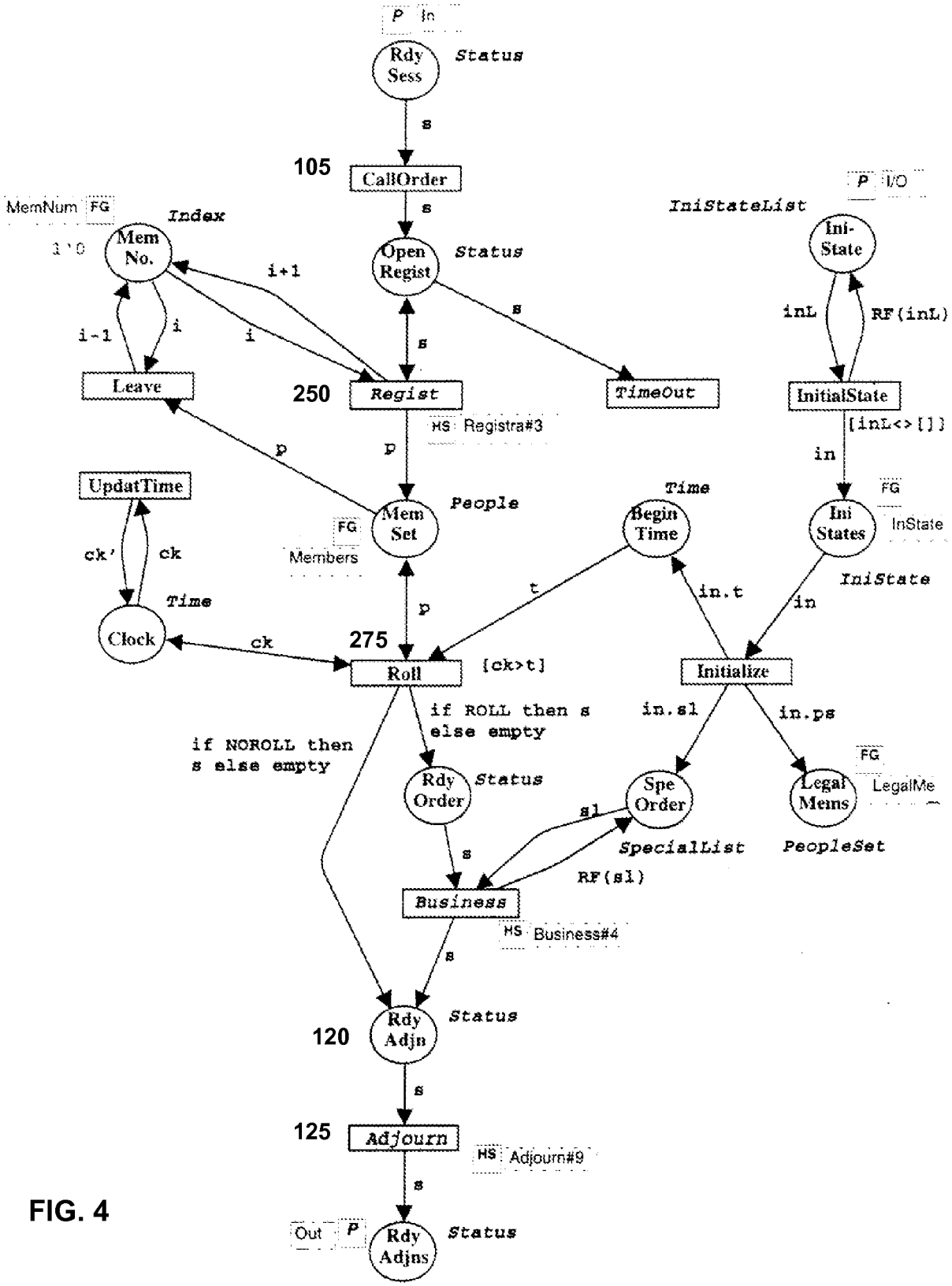

P In
Rdy Sess
Status
s
105
CallOrder
s
MemNum FG
Index
1`0
Mem No.
i+1
Open Regist
Status
s
i-1
i
i
s
Leave
250
Regist
TimeOut
HS Registra#3
p
p
UpdatTime
People
Mem Set
FG
Members
ck'
ck
Time
Clock
ck
275
Roll
[ck>t]
t
p
Time
Begin Time
in.t
P I/O
IniStateList
Ini-State
inL
RF(inL)
InitialState
[inL<>[]]
in
FG
Ini States
InState
IniState
in
Initialize
in.sl
in.ps
if ROLL then s else empty
if NOROLL then s else empty
Rdy Order
Status
Spe Order
sl
SpecialList
RF(sl)
FG
Legal Mems
LegalMe
PeopleSet
s
Business
HS Business#4
s
120
Rdy Adjn
Status
s
125
Adjourn
HS Adjourn#9
s
Out P
Rdy Adjns
Status

FIG. 4

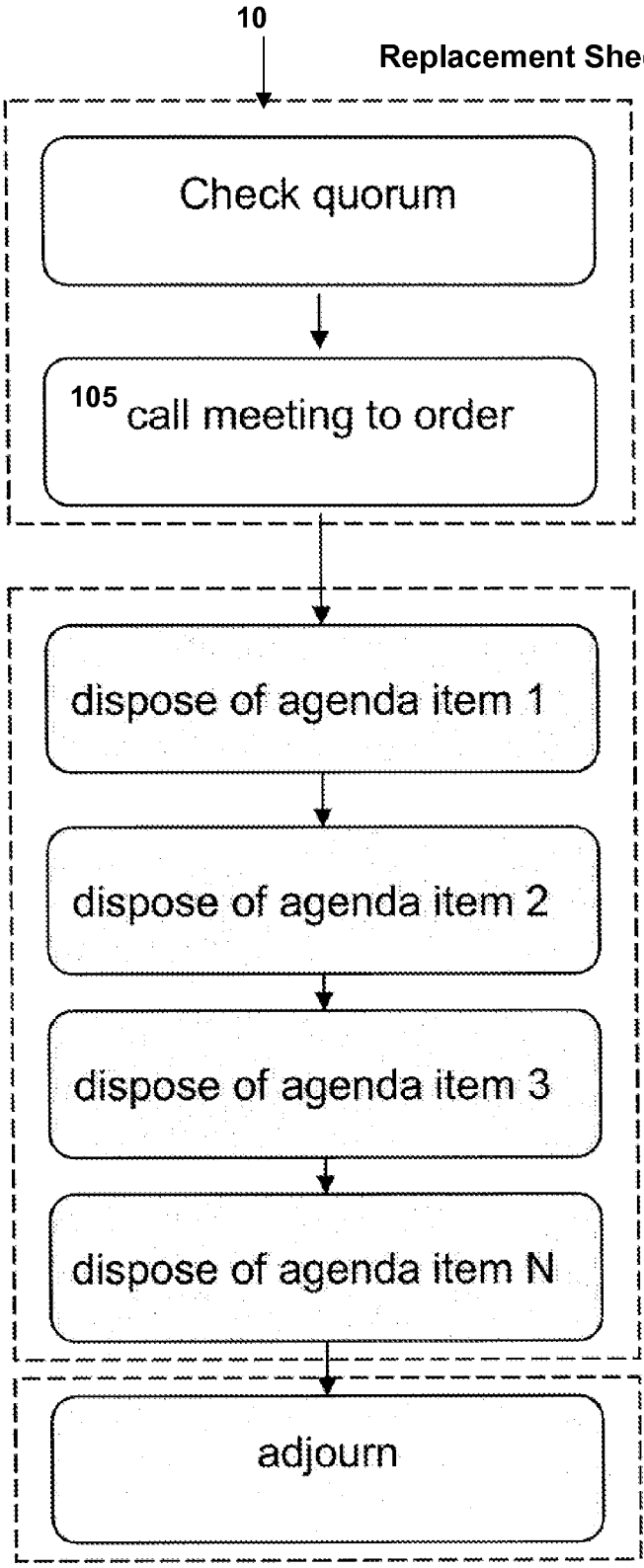


FIG. 5 Meeting

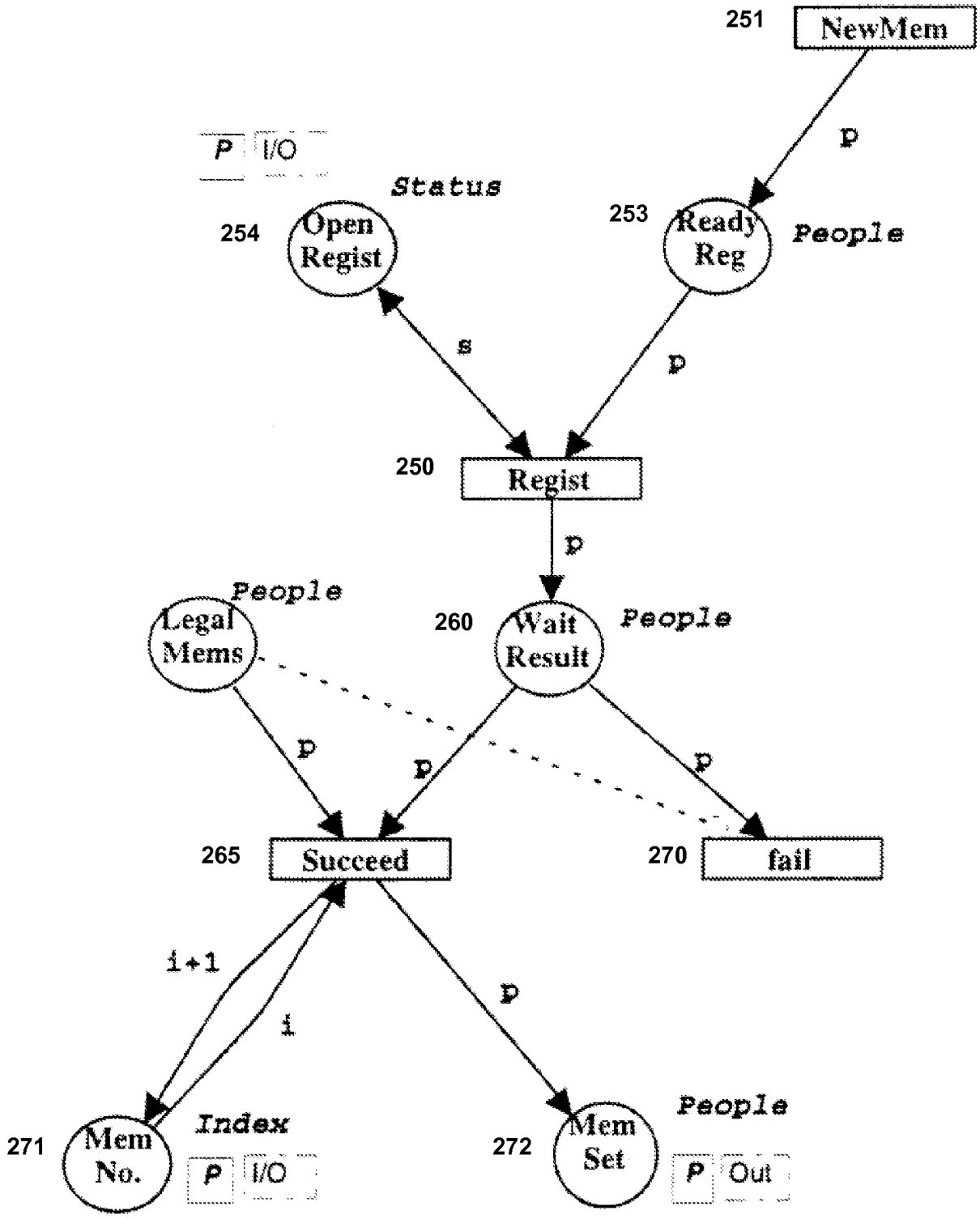
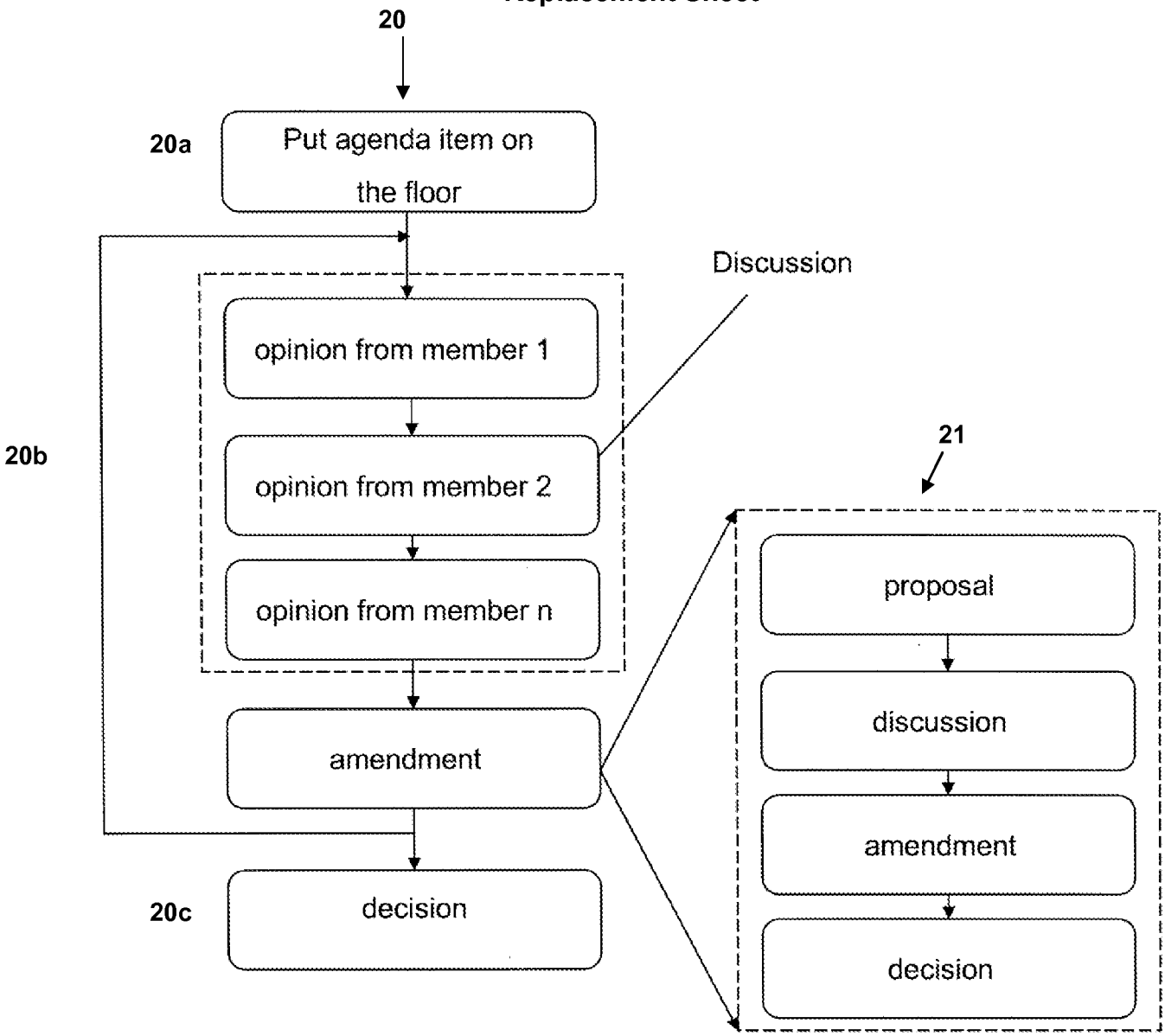
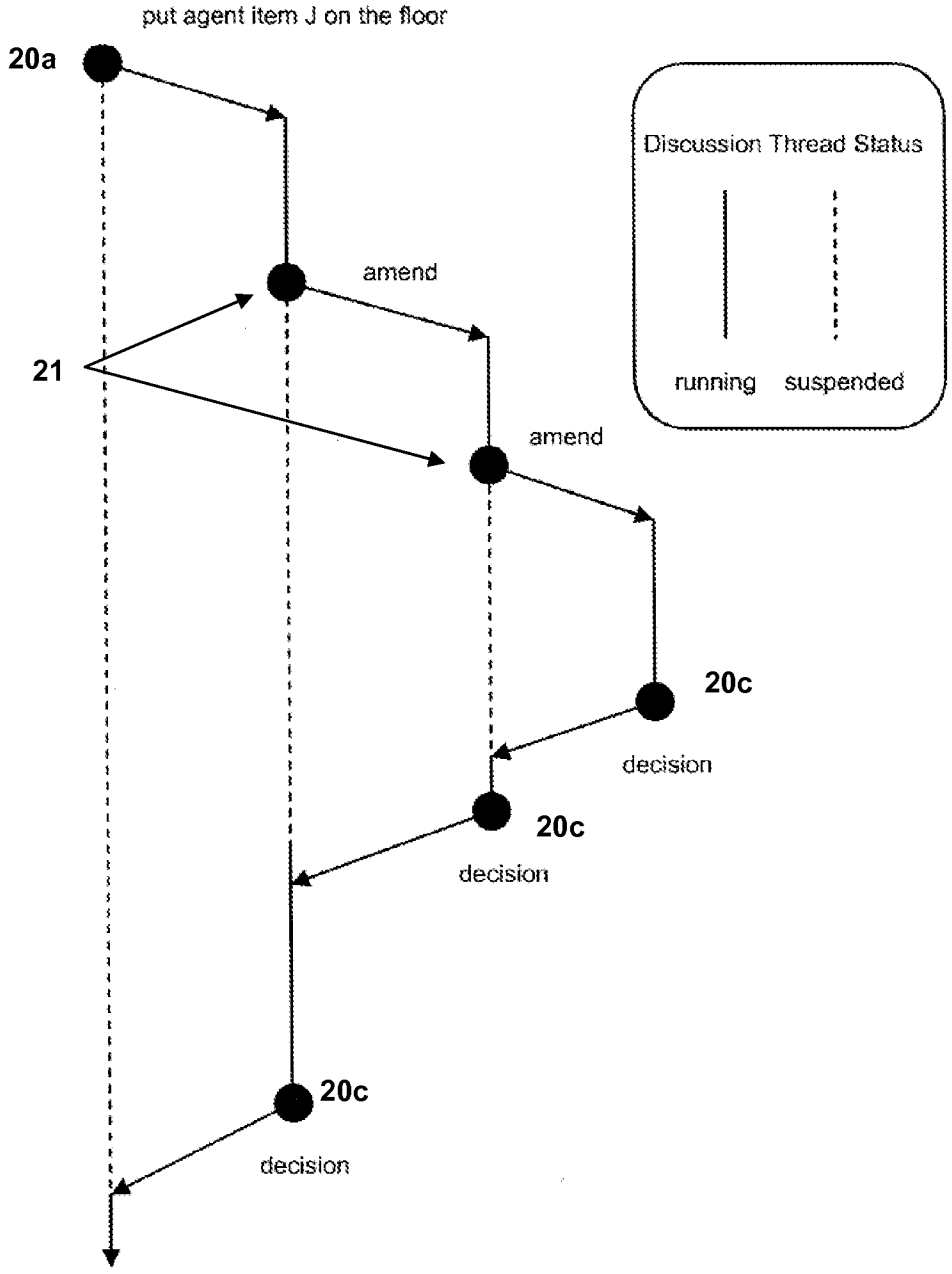

251
NewMem
p
P I/O
Status
254
Open Regist
253
Ready Reg
People
s
p
250
Regist
p
People
Legal Mems
260
Wait Result
People
p
p
p
265
Succeed
270
fail
i+1
i
p
271
Mem No.
Index
P I/O
272
Mem Set
People
P Out

FIG. 6



Proposal-Discussion-Decision Cycle

Fig.7



Discussion Thread

Fig.8

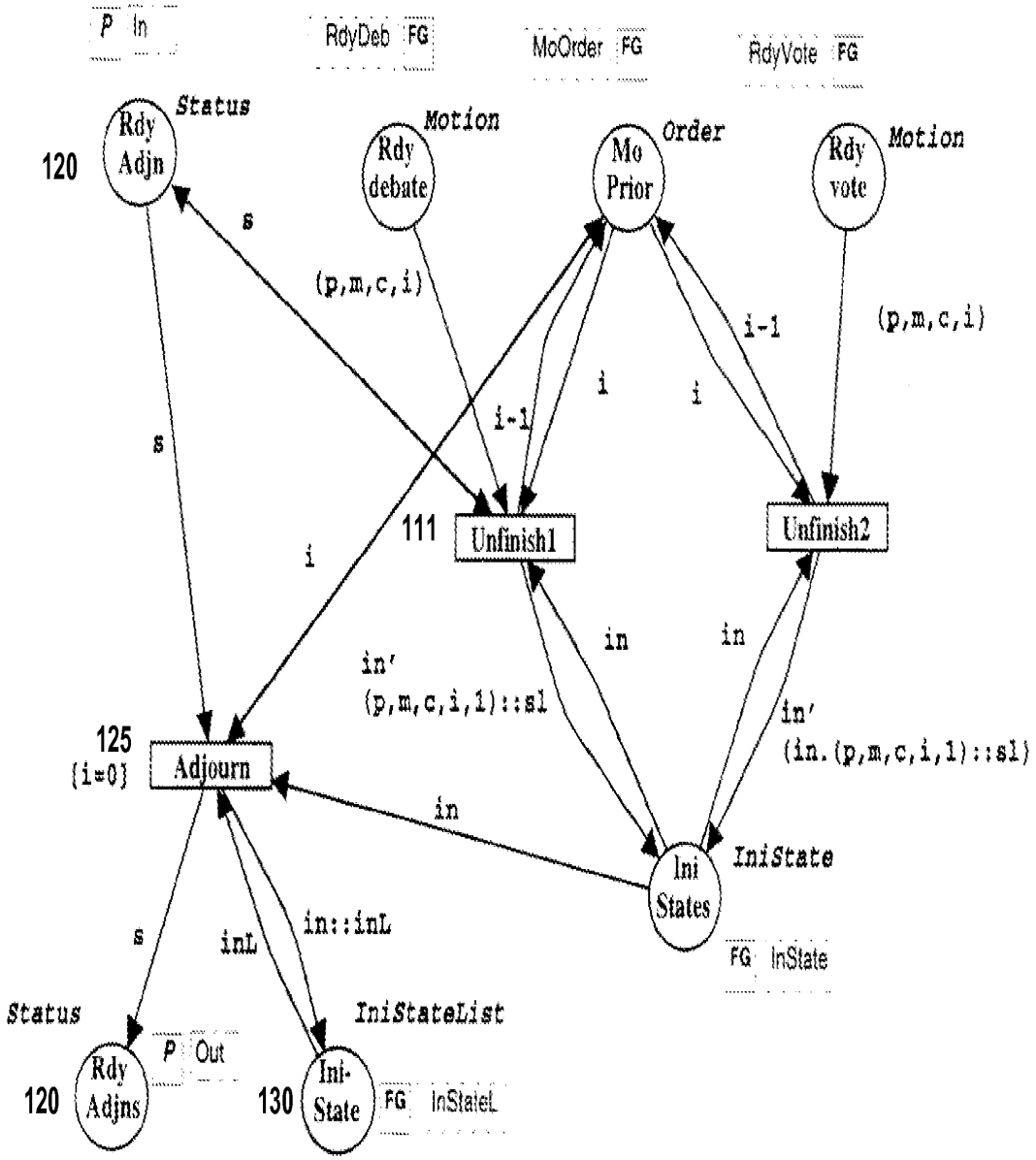
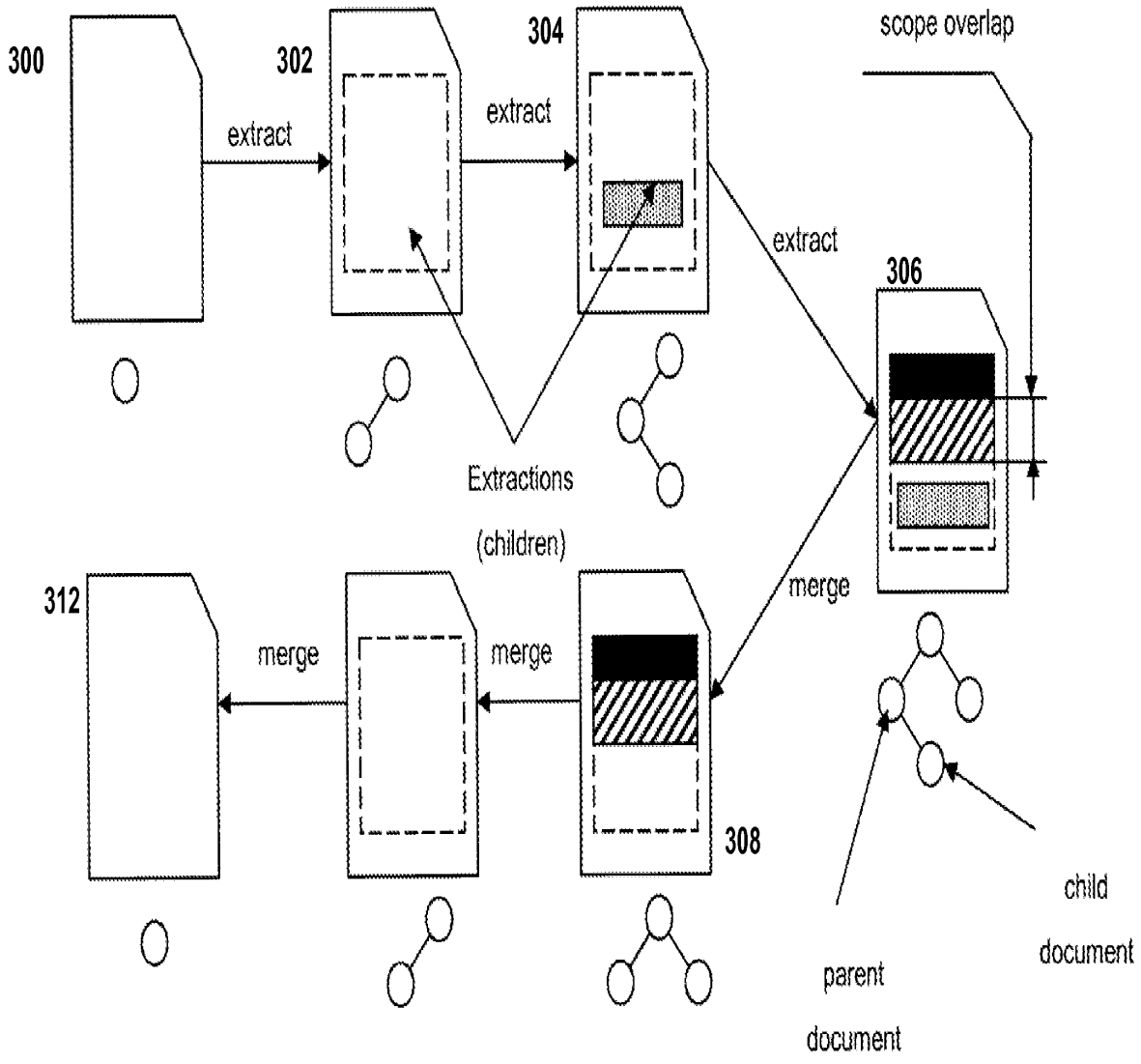

P In
RdyDeb FG
MoOrder FG
RdyVote FG
Status
Motion
Order
Motion
120
Rdy Adjn
Rdy debate
Mo Prior
Rdy vote
s
(p,m,c,i)
i-1
(p,m,c,i)
i
i
i-1
s
111
Unfinish1
Unfinish2
i
in
in
in'
(p,m,c,i,1)::sl
in'
(in.(p,m,c,i,1)::sl)
125
{i=0}
Adjourn
in
IniState
Ini States
FG InState
s
inL
in::inL
Status
IniStateList
P Out
120
Rdy Adjns
130
Ini-State
FG InStateL

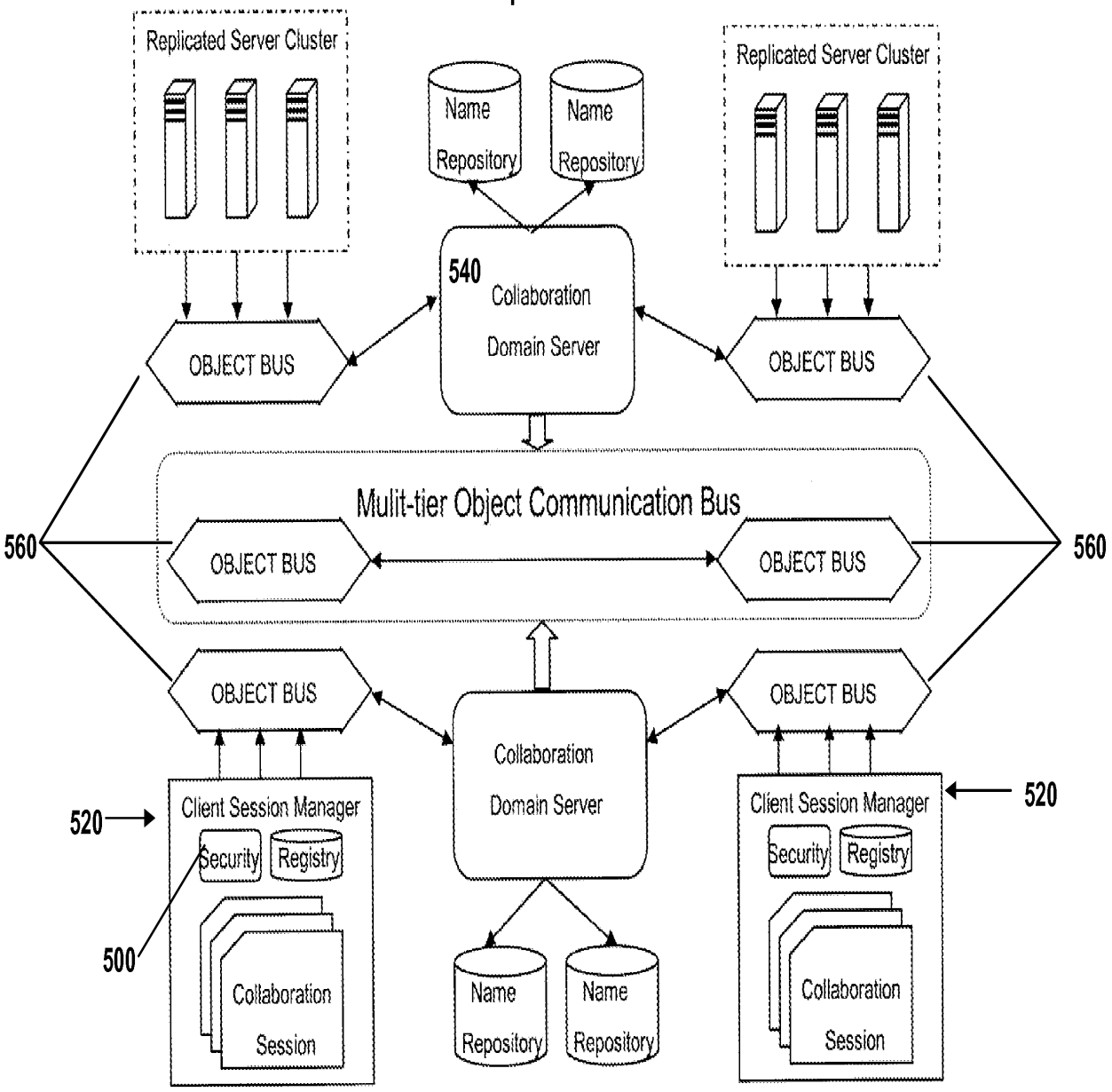
FIG. 9



Delta Document

Fig.10

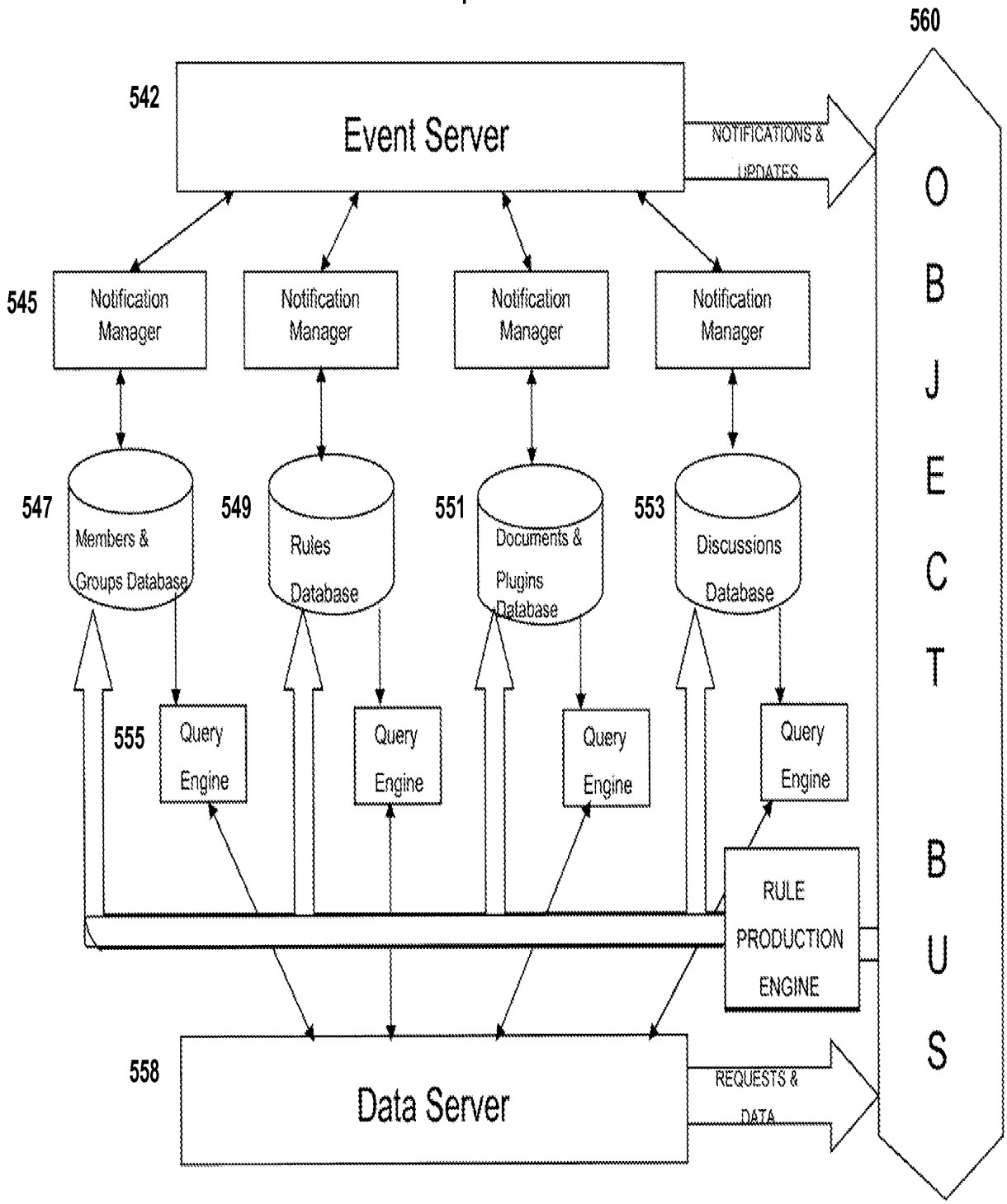
Replacement Sheet



General Client-Server Architecture

Fig.11

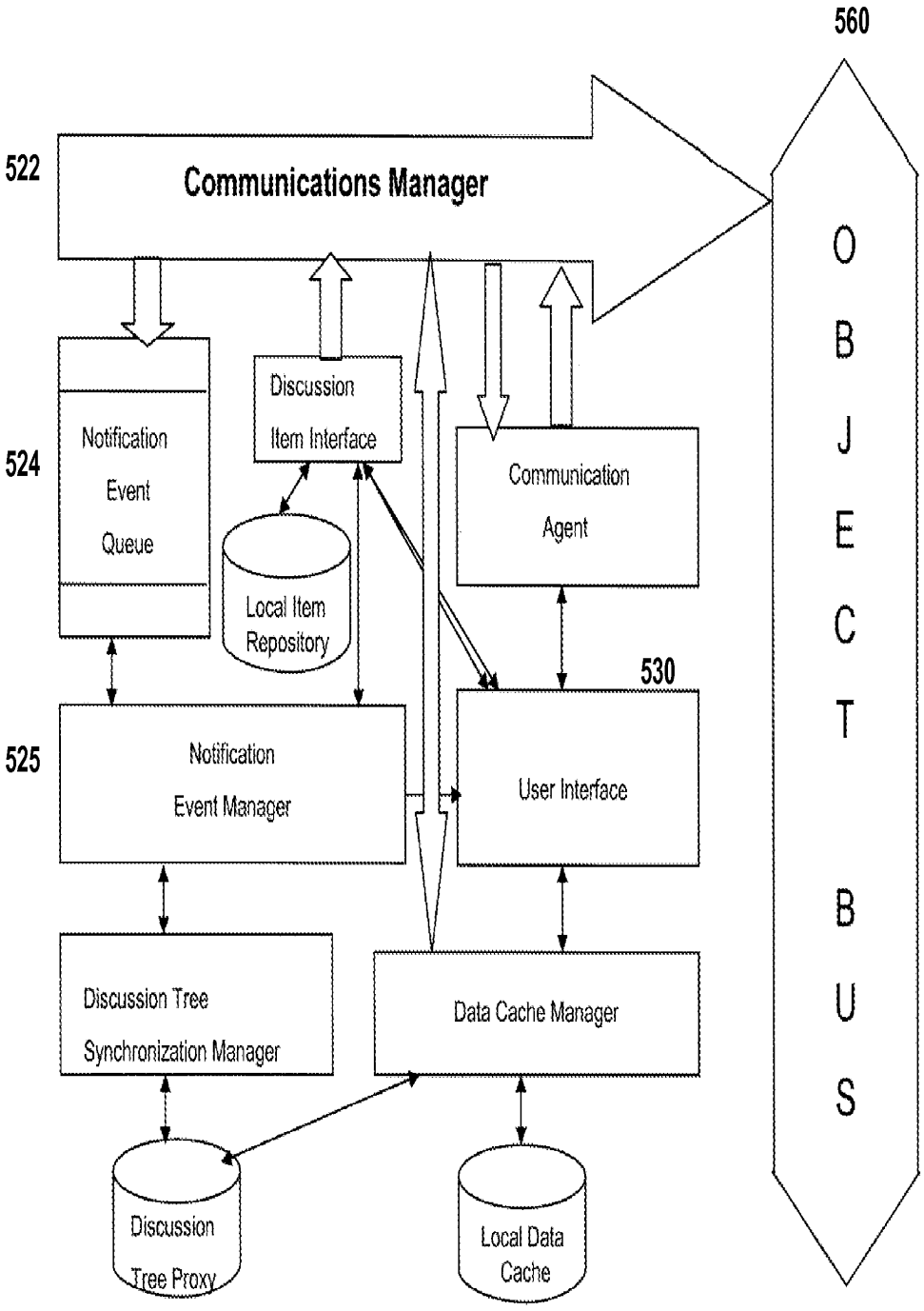
Replacement Sheet



Collaboration Server Architecture

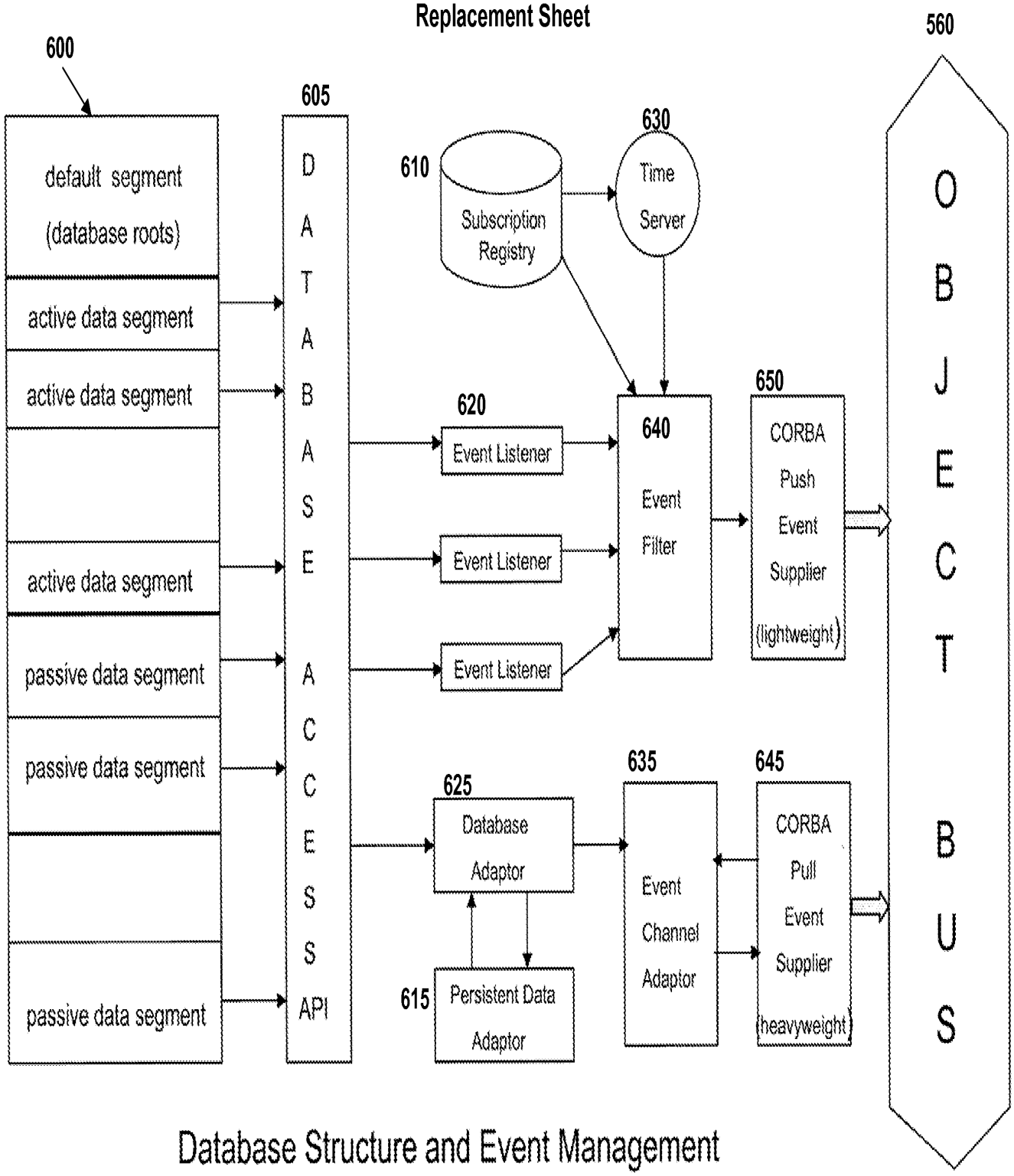
Fig.12

Replacement Sheet



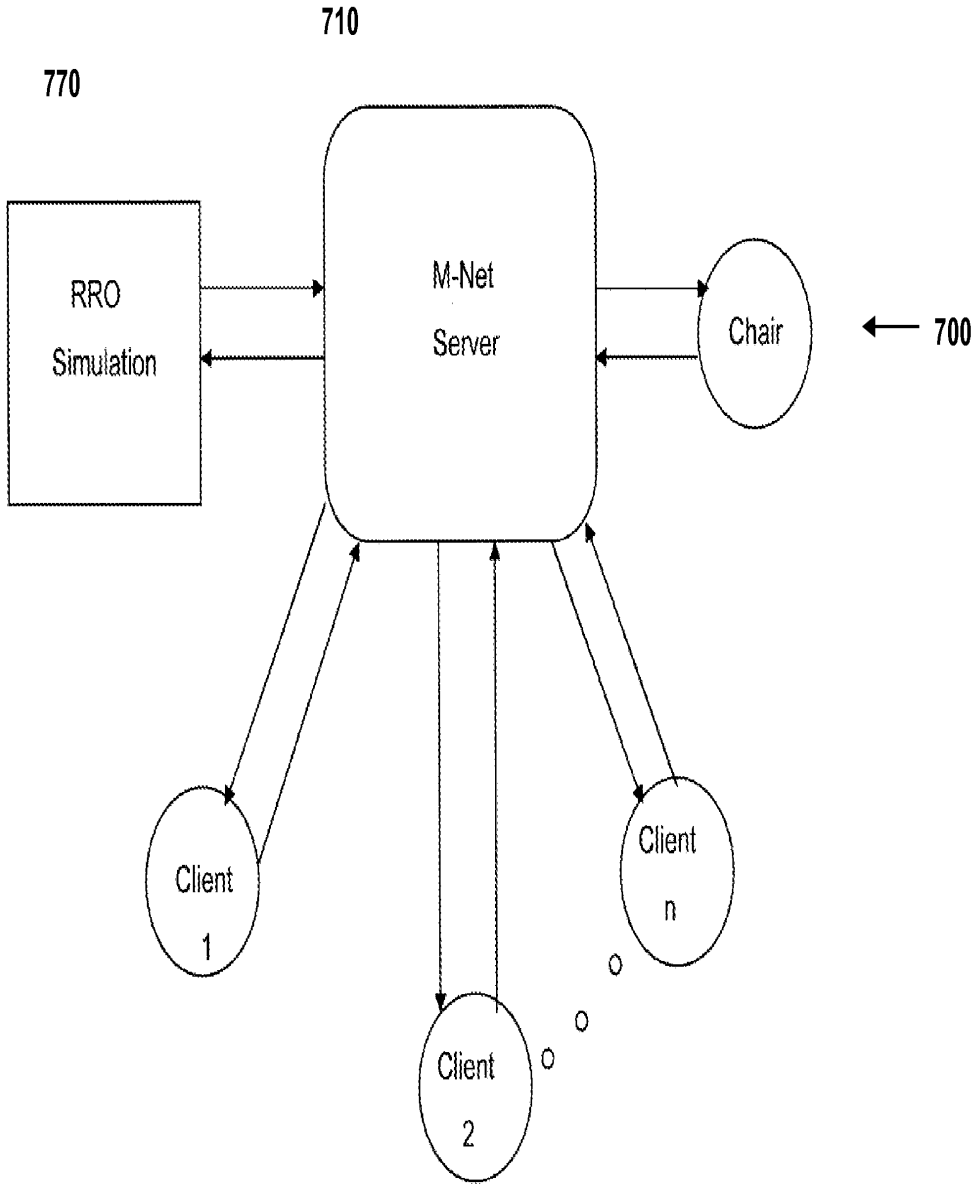
Collaboration Client Architecture

Fig.13



Database Structure and Event Management

Fig.14



The RRO Simulation in M-Net Fig.15